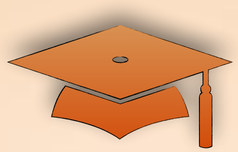
The Complete C# Developer Course



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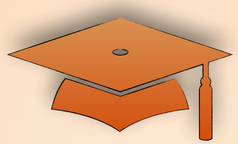
The Fundamentals of C# Part 3



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The Fundamentals of C# Part 3

Loops part 1

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Loops

For loop

for loop executes a block of statements repeatedly until the specified condition returns false.

```
for (int i=1; i <= 10; i++)
```

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Loops part 2

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Loops

while

do while

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Loops part 3

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Loops

Nested loops

0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0

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Loops exercise

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Loops

Even Numbers

2 4 6 8 10 12 ..etc 100

Loops

Triangle

```
0
0 0
0 0 0
0 0 0 0
0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
```

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Arrays

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Arrays

Array of 5

```
int[] numbers = new int[5];
```

Arrays

Array of 8

```
string[] numbers = new string[8];
```

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Assignments (4, 5, 6)

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Assignments

Assignment No.4: (Upside Down Triangle)

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0
0 0 0 0
0 0 0
0 0
0
```

Assignments

Assignment No.5: (Months & Days)

January - 31 days

November - 30 days

Assignments

Assignment No.6: (Dice Roller)

Roll dice? (yes, no)
Yes
New dice no is 1
Roll dice? (yes, no)
yes
New dice no is 3
Roll dice? (yes, no)
YES
New dice no is 5
Roll dice? (yes, no)
yeS
New dice no is 1
Roll dice? (yes, no)
no